

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/788,489
Source: IFW0
Date Processed by STIC: 04/12/2006

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RAW SEQUENCE LISTING

DATE: 04/12/2006

PATENT APPLICATION: US/10/788,489

TIME: 12:28:49

Input Set : N:\Crf3\RULE60\10788489.raw
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1 <110> APPLICANT: CARILLO, Serge
 2 BLANCHARD, Jean-Marie
 3 PIECHACZYK, Marc
 4 <120> TITLE OF INVENTION: METHOD OF CANCER TREATMENT BY P53 PROTEIN CONTROL
 5 <130> FILE REFERENCE: ST94037A-US
 6 <140> CURRENT APPLICATION NUMBER: US/10/788,489
 7 <141> CURRENT FILING DATE: 2004-03-01
 8 <150> PRIOR APPLICATION NUMBER: US/09/405,920
 9 <151> PRIOR FILING DATE: 1999-09-24
 10 <150> PRIOR APPLICATION NUMBER: 08/737,953
 11 <151> PRIOR FILING DATE: 1996-11-27
 12 <150> PRIOR APPLICATION NUMBER: FR94/06583
 13 <151> PRIOR FILING DATE: 1994-05-31
 14 <150> PRIOR APPLICATION NUMBER: WO PCT/FR95/00670
 15 <151> PRIOR FILING DATE: 1995-05-22
 16 <160> NUMBER OF SEQ ID NOS: 4
 17 <170> SOFTWARE: PatentIn Ver. 2.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 2085
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Homo sapiens
 23 <220> FEATURE:
 24 <221> NAME/KEY: CDS
 25 <222> LOCATION: (1)..(2085)
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 gta aaa aca gaa cct gag aag tca cag tca acc aag ctg tct gtg 96
 Val Lys Thr Glu Pro Glu Lys Lys Ser Gln Ser Thr Lys Leu Ser Val
 20 25 30
 gtt cat gag aaa aaa tcc caa gaa gga aag cca aaa gaa cac aca gag 144
 Val His Glu Lys Lys Ser Gln Glu Gly Lys Pro Lys Glu His Thr Glu
 35 40 45
 cca aaa agc cta ccc aag cag gca tca gat aca gga agt aac gat gct 192
 Pro Lys Ser Leu Pro Lys Gln Ala Ser Asp Thr Gly Ser Asn Asp Ala
 50 55 60
 cac aat aaa aaa gca gtt tcc aga tca gct gaa cag cag cca tca gag 240
 His Asn Lys Lys Ala Val Ser Arg Ser Ala Glu Gln Gln Pro Ser Glu
 65 70 75 80
 aaa tca aca gaa cca aag act aaa cca caa gac atg att tct gct ggt 288
 Lys Ser Thr Glu Pro Lys Thr Lys Pro Gln Asp Met Ile Ser Ala Gly
 85 90 95

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47	100 105 110	
48	aag aaa aaa gaa aag aaa tca tta acc cca gct gtg cca gtt gaa tct	384
49	Lys Lys Lys Glu Lys Ser Leu Thr Pro Ala Val Pro Val Glu Ser	
50	115 120 125	
51	aaa ccg gat aaa cca tcg gga aag tca ggc atg gat gct gct ttg gat	432
52	Lys Pro Asp Lys Pro Ser Gly Lys Ser Gly Met Asp Ala Ala Leu Asp	
53	130 135 140	
54	gac tta ata gat act tta gga gga cct gaa gaa act gaa gaa gaa aat	480
55	Asp Leu Ile Asp Thr Leu Gly Gly Pro Glu Glu Thr Glu Glu Asn	
56	145 150 155 160	
57	aca acg tat act gga cca gaa gtt tca gat cca atg agt tcc acc tac	528
58	Thr Thr Tyr Thr Gly Pro Glu Val Ser Asp Pro Met Ser Ser Thr Tyr	
59	165 170 175	
60	ata gag gaa ttg ggt aaa aga gaa gtc aca att cct cca aaa tat agg	576
61	Ile Glu Glu Leu Gly Lys Arg Glu Val Thr Ile Pro Pro Lys Tyr Arg	
62	180 185 190	
63	gaa cta ttg gct aaa aag gaa ggg atc aca ggg cct cct gca gac tct	624
64	Glu Leu Leu Ala Lys Lys Glu Gly Ile Thr Gly Pro Pro Ala Asp Ser	
65	195 200 205	
66	tca aaa ccc ata ggg cca gat gat gct ata gac gcc ttg tca tct gac	672
67	Ser Lys Pro Ile Gly Pro Asp Asp Ala Ile Asp Ala Leu Ser Ser Asp	
68	210 215 220	
69	ttc acc tgt ggg tcg cct aca gct gct gga aag aaa act gaa aaa gag	720
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74	245 250 255	
75	gct gct cca ccc caa gag aag aaa aga aag gtc gag aag gat aca atg	816
76	Ala Ala Pro Pro Gln Glu Lys Lys Arg Lys Val Glu Lys Asp Thr Met	
77	260 265 270	
78	agt gat caa gca ctc gag gct ctg tcg gct tca ctg ggc acc cgg caa	864
79	Ser Asp Gln Ala Leu Glu Ala Leu Ser Ala Ser Leu Gly Thr Arg Gln	
80	275 280 285	
81	gca gaa cct gag ctc gac ctc cgc tca att aag gaa gtc gat gag gca	912
82	Ala Glu Pro Glu Leu Asp Leu Arg Ser Ile Lys Glu Val Asp Glu Ala	
83	290 295 300	
84	aaa gct aaa gaa gaa aaa cta gag aag tgt ggt gag gat gat gaa aca	960
85	Lys Ala Lys Glu Glu Lys Leu Glu Lys Cys Gly Glu Asp Asp Glu Thr	
86	305 310 315 320	
87	atc cca tct gag tac aga tta aaa cca gcc acg gat aaa gat gga aaa	1008
88	Ile Pro Ser Glu Tyr Arg Leu Lys Pro Ala Thr Asp Lys Asp Gly Lys	
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90	cca cta ttg cca gag cct gaa gaa aaa ccc aag cct cggt gat gaa tca	1056
91	Pro Leu Leu Pro Glu Pro Glu Glu Lys Pro Lys Pro Arg Ser Glu Ser	
92	340 345 350	
93	gaa ctc att gat gaa ctt tca gaa gat ttt gac cggt tct gaa tgt aaa	1104

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96	gag aaa cca tct aag cca act gaa aag aca gaa gaa tct aag gcc gct	1152
97	Glu Lys Pro Ser Lys Pro Thr Glu Lys Thr Glu Ser Lys Ala Ala	
98	370 375 380	
99	gct cca gct cct gtg tcg gag gct gtg tct cgg acc tcc atg tgt agt	1200
100	Ala Pro Ala Pro Val Ser Glu Ala Val Ser Arg Thr Ser Met Cys Ser	
101	385 390 395 400	
102	ata cag tca gca ccc cct gag ccg gct acc ttg aag ggc aca gtg cca	1248
103	Ile Gln Ser Ala Pro Pro Glu Pro Ala Thr Leu Lys Gly Thr Val Pro	
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105	gat gat gct gta gaa gcc ttg gct gat agc ctg ggg aaa aag gaa gca	1296
106	Asp Asp Ala Val Glu Ala Leu Ala Asp Ser Leu Gly Lys Lys Glu Ala	
107	420 425 430	
108	gat cca gaa gat gga aaa cct gtg atg gat aaa gtc aag gag aag gcc	1344
109	Asp Pro Glu Asp Gly Lys Pro Val Met Asp Lys Val Lys Glu Lys Ala	
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111	aaa gaa gaa gac cgt gaa aag ctt ggt gaa aaa gaa gaa aca att cct	1392
112	Lys Glu Glu Asp Arg Glu Lys Leu Gly Glu Lys Glu Glu Thr Ile Pro	
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114	cct gat tat aga tta gaa gag gtc aag gat aaa gat gga aag cca ctc	1440
115	Pro Asp Tyr Arg Leu Glu Glu Val Lys Asp Lys Asp Gly Lys Pro Leu	
116	465 470 475 480	
117	ctg cca aaa gag tct aag gaa cag ctt cca ccc atg agt gaa gac ttc	1488
118	Leu Pro Lys Glu Ser Lys Glu Gln Leu Pro Pro Met Ser Glu Asp Phe	
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120	ctt ctg gat gct ttg tct gag gac ttc tct ggt cca caa aat gct tca	1536
121	Leu Leu Asp Ala Leu Ser Glu Asp Phe Ser Gly Pro Gln Asn Ala Ser	
122	500 505 510	
123	tct ctt aaa ttt gaa gat gct aaa ctt gct gct gcc atc tct gaa gtg	1584
124	Ser Leu Lys Phe Glu Asp Ala Lys Leu Ala Ala Ala Ile Ser Glu Val	
125	515 520 525	
126	gtt tcc caa acc cca gct tca acg acc caa gct gga gcc cca ccc cgt	1632
127	Val Ser Gln Thr Pro Ala Ser Thr Thr Gln Ala Gly Ala Pro Pro Arg	
128	530 535 540	
129	gat acc tcg cag agt gac aaa gac ctc gat gat gcc ttg gat aaa ctc	1680
130	Asp Thr Ser Gln Ser Asp Lys Asp Leu Asp Asp Ala Leu Asp Lys Leu	
131	545 550 555 560	
132	tct gac agt cta gga caa agg cag cct gac cca gat gag aac aaa cca	1728
133	Ser Asp Ser Leu Gly Gln Arg Gln Pro Asp Pro Asp Glu Asn Lys Pro	
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135	atg gga gat aaa gta aag gaa aaa gct aaa gct gaa cat aga gac aag	1776
136	Met Gly Asp Lys Val Lys Glu Lys Ala Lys Ala Glu His Arg Asp Lys	
137	580 585 590	
138	ctt gga gaa aga gat gac act atc cca cct gaa tac aga cat ctc ctg	1824
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141	gat gat aat gga cag gac aaa cca gtg aag cca cct aca aag aaa tca	1872
142	Asp Asp Asn Gly Gln Asp Lys Pro Val Lys Pro Pro Thr Lys Lys Ser	

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146	625		630		635		640										
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150	645		650		655												
151	aca	gca	aag	tgc	aag	aag	gct	gct	tcc	agc	tcc	aaa	gca	cct	2016		
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154	660		665		670												
155	Lys	Asn	Gly	Gly	Lys	Ala	Lys	Asp	Ser	Ala	Lys	Thr	Thr	Glu	Glu	Thr	2064
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188	115		120			125											
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190																	
191	130		135			140											
192	Asp	Leu	Ile	Asp	Thr	Leu	Gly	Gly	Pro	Glu	Glu	Thr	Glu	Glu	Asn		
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196	165		170			175											
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198																	
199	180		185			190											
200	Glu	Leu	Leu	Ala	Lys	Lys	Glu	Gly	Ile	Thr	Gly	Pro	Pro	Ala	Asp	Ser	
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193 Phe Thr Cys Gly Ser Pro Thr Ala Ala Gly Lys Lys Thr Glu Lys Glu
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 198 260 265 270
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 200 275 280 285
 201 Ala Glu Pro Glu Leu Asp Leu Arg Ser Ile Lys Glu Val Asp Glu Ala
 202 290 295 300
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 204 305 310 315 320
 205 Ile Pro Ser Glu Tyr Arg Leu Lys Pro Ala Thr Asp Lys Asp Gly Lys
 206 325 330 335
 207 Pro Leu Leu Pro Glu Pro Glu Lys Pro Lys Pro Arg Ser Glu Ser
 208 340 345 350
 209 Glu Leu Ile Asp Glu Leu Ser Glu Asp Phe Asp Arg Ser Glu Cys Lys
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 232 530 535 540
 233 Asp Thr Ser Gln Ser Asp Lys Asp Leu Asp Asp Ala Leu Asp Lys Leu
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 235 Ser Asp Ser Leu Gly Gln Arg Gln Pro Asp Pro Asp Glu Asn Lys Pro
 236 565 570 575
 237 Met Gly Asp Lys Val Lys Glu Lys Ala Lys Ala Glu His Arg Asp Lys
 238 580 585 590
 239 Leu Gly Glu Arg Asp Asp Thr Ile Pro Pro Glu Tyr Arg His Leu Leu
 240 595 600 605
 241 Asp Asp Asn Gly Gln Asp Lys Pro Val Lys Pro Pro Thr Lys Lys Ser

VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\10788489.raw

Output Set: N:\CRF4\04122006\J788489.raw

L:158 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1